

[Method and apparatus for mapping the terminations of large numbers of communications circuits]

Abstract

An apparatus and method for the efficient mapping of connectivity of telecommunications circuits where large numbers of such circuits are terminated at one end in concentrated bulk terminations. The apparatus regenerates multiple speech signals in a bulk termination adapter identifying both the bulk connector and the individual circuits terminating in the connector. A selectable group identity code allows many such units to be employed simultaneously to effect efficient mapping of hundreds of telecommunications circuits in one step even if concentration points occur in disparate locations. Speech reproduction is accomplished through a serial bit stream where the ratio of one bits to zero bits, varying with time, re-establishes a voice frequency signal with the aid of a simple filter circuit.